



# CITOARC 270 OERLIKON

Professional Welder  
for tough working  
conditions

WARRANTY  
**3**  
YEARS

## Robust and Reliable Stick and Lift TIG Welder

### CITOARC 270

welder has been designed and manufactured to combine both a rugged industrial construction with excellent arc characteristics. The machine is built to handle harsh environmental conditions using tunnel technology to separate the PCBs and sensitive parts from contaminating cooling airflow. The robust metal case makes it suitable for operation on site in conjunction with a generator, or within a workshop environment, providing maximum flexibility and durability. Intensive and extensive testing guarantees the quality of the welder.



Output



Processes

**STICK, LIFT TIG**

Input



### Advantages

- › Rugged construction electrical safety (IP23)
- › Full function user-friendly control panel

### Benefits

- › Ideal for the harshest environmental conditions.
- › Easy to set all welding parameters
- › Easy transportation on the welding sites

# CITOARC 270



## Features

- › Robust case and components for heavy environmental conditions
- › Fully featured and user friendly control panel with digital display allows precise setting of welding current
- › Soft and Crisp mode multiple arc modes for different electrode types
- › Auto Adaptive Arc force standard in Soft and Crisp modes
- › Adjustable Hot Start and Arc Force allow a smooth start/restart of the electrode and prevent sticking of the electrode in the weld pool
- › Features "Lift TIG" –with no tungsten contamination

## Applications

### Heavy outdoor & indoor applications

- ✓ Aerospace
- ✓ Motorsports
- ✓ Shipbuilding
- ✓ Education
- ✓ Fabrication

## Front panel



- |  |  |   |
|--|--|---|
| <p>1 Welding modes :<br/>Crisp<br/>Soft<br/>Auto-adaptative arc force<br/>Lift TIG</p> | <p>2 Hot start<br/>3 Arc Force<br/>4 Current Control</p> | <p>6 LEDs :<br/>Power ON/OFF<br/>Remote/local<br/>VRD<br/>Temperature</p> |
|--|--|---|

## Technical characteristics

Primary Voltage (50-60Hz)	400V/3Ph
Current Range (A)	5-270
Duty cycle at 40 °C	270A/30.8V/35% 200A/28V/100%
Fuse size (A)	20A
Weight (kg)	22
Dimensions H x W x D (mm)	404 x 240 X 530
Protection	IP23

## To order

Designation	Item Number
<b>CITOARC 270</b>	W000403606
KIT 25C50 - 3m	W000260684
KIT 35C50 - 4m	W000011139
TIG TORCH WTT2 26V 4m	W000278885
REMOTE CONTROL -15m	K10095-1-15M



[www.oerlikon-welding.com](http://www.oerlikon-welding.com)

